

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|--|------------------|---------|------------------|
| L2 | 3 | ("5442090").PN. OR ("5977284").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 13:52 |
| L3 | 35 | (US-20060217516-\$ or US-20050043421-\$ or US-20030225239-\$ or US-20070287762-\$ or US-20070117902-\$ or US-20050124738-\$ or US-20070106046-\$ or US-20050172853-\$ or US-20060035091-\$ or US-20060199913-\$).did. or (US-6376637-\$ or US-6897266-\$ or US-7176271-\$ or US-7361715-\$ or US-4786682-\$ or US-5132367-\$ or US-4431790-\$ or US-5981684-\$ or US-4777224-\$ or US-6107359-\$ or US-5840781-\$ or US-5326829-\$ or US-4883826-\$ or US-5424355-\$ or US-5130175-\$ or US-7364834-\$ or US-6632914-\$ or US-7268203-\$ or US-6794422-\$ or US-7339020-\$ or US-4123421-\$ or US-4694064-\$ or US-5977284-\$ or US-7374815-\$ or US-5442090-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/01/20 13:58 |
| L4 | 5 | 3 and radiation and adhesive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 13:59 |
| L5 | 7 | ("3864133" "4605723").PN. OR ("5442090").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 14:04 |
| L6 | 18932 | (diol or polyol or alcohol) with (\$6isocyanate) and (tertiary near3 (amine or amino or nitrogen)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 14:07 |
| L7 | 1004 | (hydroxy or hydroxyl) with ((differ\$5 or distinct or higher or lower) near3 reactivit\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 14:07 |
| L8 | 174 | L7 and I6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 14:07 |
| L9 | 1021933 | dendrit\$ or hyper\$branch\$ or branch\$ or comb or dendr\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 14:07 |

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| L10 | 121 | L9 and I8 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 14:07 |
| L11 | 103 | 10 and @ad<"20040515" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 14:08 |
| L12 | 27 | 3 and (di\$isopropanol\$amine or " DIPA" or di\$ethanol\$amine or " DEA" or \$3ethanol\$amine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 14:12 |
| S1 | 0 | (10/556132).APP. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/09 11:41 |
| S2 | 1 | "10556132" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 11:41 |
| S3 | 9 | "6376637" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 12:02 |
| S4 | 9 | "4786682" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 12:04 |
| S5 | 11 | "4431790" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 12:35 |

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| S6 | 5 | | "6632914" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:28 |
| S8 | 15 | | "5981684" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:29 |
| S9 | 171420 | | diol polyol and (tertiary adj amine) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:32 |
| S10 | 53097 | | S9 and polyurethane | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:32 |
| S11 | 677 | | S10 and (hyperbranched or hyper adj branched) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:32 |
| S12 | 1645 | | S10 and (hyperbranched or hyper adj branched or dendri\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:33 |
| S13 | 2 | | S12 and triol near amine | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:34 |
| S14 | 44 | | S12 and (trialkyl adj amine or trialkylamine) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:34 |

EAST Search History (Prior Art)

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|-----|--------|--|--|----|----|------------------|
| S15 | 119 | 564/506 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:58 |
| S16 | 23 | S15 and polyurethane | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:58 |
| S17 | 361624 | "119" and addition | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:06 |
| S18 | 109 | S15 and addition | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:06 |
| S19 | 2 | S18 and Michael adj addition | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:06 |
| S20 | 55 | 560/357 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:11 |
| S21 | 100 | tertiary adj amin\$1 near diol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:20 |
| S22 | 305 | tertiary adj amin\$1 near (diol or polyol) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:20 |

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| S25 | 225 | S22 and isocyanate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:21 |
| S27 | 0 | 525/182.26 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:23 |
| S28 | 162 | 252/182.26 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:23 |
| S29 | 199 | 560/330 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:24 |
| S30 | 1491 | 528/49 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:24 |
| S31 | 825 | 528/61 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:24 |
| S32 | 2489 | S28 S29 S30 S31 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:24 |
| S33 | 4 | S25 and S32 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:24 |

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| S34 | 3 | polyaminourethanes | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 14:56 |
| S35 | 0 | tertiary adj amin\$1 and alph adj beta adj ethylenically adj unsaturated | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:00 |
| S36 | 8041 | (tertiary adj amin\$1) and (ethylenically adj unsaturated) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:00 |
| S37 | 246 | S36 and michael adj addition | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:01 |
| S38 | 174 | S37 and (urethane polyurethane) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:04 |
| S39 | 5516 | dialkyl adj amin\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:10 |
| S40 | 1244 | S39 and acrylate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:11 |
| S41 | 39 | S40 and Michael adj addition | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:11 |

EAST Search History (Prior Art)

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| S42 | 162 | 252/182.26 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:17 |
| S43 | 2 | S42 and michael adj addition | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:18 |
| S44 | 138 | S42 and polyurethane | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:18 |
| S45 | 10 | S42 and (dialkanolamine or dialkylamine) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:22 |
| S46 | 100 | S42 and tertiary adj amine | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:24 |
| S47 | 173 | "4433067" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:47 |
| S48 | 36 | "4595743" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:48 |
| S49 | 5 | "4696771" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:52 |

EAST Search History (Prior Art)

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| S50 | 0 | S25 and hyperbranch | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:28 |
| S51 | 84 | S25 and branched | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:28 |
| S53 | 58648 | dialkylamin\$2 or dialky adj amin\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:37 |
| S54 | 345760 | acrylate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:38 |
| S55 | 10684 | S53 and S54 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:38 |
| S56 | 3456 | S55 and isocyanate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:38 |
| S57 | 1479 | S56 and polyol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:38 |
| S58 | 793 | S57 and tertiary adj amin\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:38 |

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| S59 | 70 | S58 and aliphatic adj polyol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:39 |
| S60 | 212 | S58 and (Michael or conjugate) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:40 |
| S61 | 8 | S60 and aliphatic near polyol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:40 |
| S62 | 742 | S58 and unsaturated | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:05 |
| S63 | 202 | S60 and unsaturated | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:06 |
| S64 | 85630 | (acrylate vinyl allyl) near alcohol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:08 |
| S65 | 3669 | S53 and S64 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:08 |
| S66 | 1456 | S65 and isocyanate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:08 |

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| S67 | 715 | S66 and polyol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:08 |
| S68 | 342 | S67 and tertiary adj amine | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:08 |
| S69 | 131 | S68 and (Michael or conjugate) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:09 |
| S71 | 113 | S69 and polyurethane | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:10 |
| S72 | 49 | S58 and ((Michael or conjugate) near addition) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:11 |
| S73 | 123186 | alkylamin\$2 or alky adj amin\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:16 |
| S74 | 21906 | S73 and S54 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:17 |
| S75 | 6668 | S74 and isocyanate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:17 |

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| S76 | 2631 | S75 and polyol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:17 |
| S77 | 1156 | S76 and tertiary adj amin\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:17 |
| S78 | 287 | S77 and (Michael or conjugate) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:18 |
| S79 | 67 | S77 and ((Michael adj addition) or (conjugate adj addition)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 17:18 |
| S80 | 0 | EP-0280222-\$.DID. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 09:14 |
| S81 | 54 | "280222" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 09:14 |
| S82 | 4 | "5541338" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 09:28 |
| S83 | 44 | Hyperbranched adj polyurethane | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 11:05 |

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| S84 | 0 | S83 and amino adj polyol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 11:05 |
| S85 | 0 | S83 and amin\$2 adj polyol | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 11:06 |
| S86 | 8 | "0005890" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 17:56 |
| S87 | 0 | PCT/JPO0/05890-\$.DID. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 17:57 |
| S88 | 0 | JP-0005890-\$.DID. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 17:58 |
| S89 | 2 | "20030225239" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 17:58 |
| S90 | 0 | JP0005890 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 09:38 |
| S91 | 8 | "0005890" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 09:39 |

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| S92 | 2 | "20030225239" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 09:40 |
| S93 | 1 | WO-0116203-\$.DID. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 10:11 |
| S94 | 2 | EP-1026185-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/26 12:04 |
| S95 | 2 | EP-297344-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/26 12:06 |
| S96 | 2 | US-4786682-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/26 12:07 |
| S97 | 2 | US-4431790-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/26 12:30 |
| S98 | 2 | US-6376637-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/26 12:31 |

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| S99 | 1 | "10556132" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 09:50 |
| S10 0 | 503 | (dendri\$ and (\$6urethane or \$7urea)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 09:54 |
| S10 1 | 637 | ((dendri\$ or hyper\$branc\$) and (\$6urethane or \$7urea)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 09:59 |
| S10 2 | 2 | "20030225239" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:05 |
| S10 3 | 258 | S101 and @ad< "20040514" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:06 |
| S10 4 | 2 | Ep-1167413-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:08 |
| S10 5 | 2 | US-6632914-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:09 |

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| S10 6 | 2 | Ep-1026185-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:09 |
| S10 7 | 2 | US-6376637-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:10 |
| S10 8 | 2 | US-6096238-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:16 |
| S10 9 | 3 | "20030120108" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:17 |
| S11 0 | 2 | US-6018004-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:17 |
| S11 1 | 2 | US-5885394-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:18 |
| S11 2 | 2 | US-5744569-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:19 |

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| S11 3 | 1 | "10508701" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:25 |
| S11 4 | 2 | "20050172853" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:25 |
| S11 5 | 2 | "10503366" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:26 |
| S11 6 | 1 | "10473210" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:35 |
| S11 7 | 0 | "10416024" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:37 |
| S11 8 | 2 | "20040016060" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:37 |
| S11 9 | 3 | "20040097684" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:38 |

EAST Search History (Prior Art)

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| S12 0 | 3 | "20040024087" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:39 |
| S12 1 | 2 | US-6794422-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:40 |
| S12 2 | 2 | US-7339020-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:41 |
| S12 3 | 2 | US-5981684-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:44 |
| S12 4 | 0 | "10526017" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:46 |
| S12 5 | 2 | "20050244652" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:46 |
| S12 6 | 2 | "20060035091" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:47 |

EAST Search History (Prior Art)

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| S12 7 | 2 | "20060199913" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:48 |
| S12 8 | 3 | "20070083030" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 10:50 |
| S12 9 | 15 | S103 and tertiary with \$5amin\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 11:01 |
| S13 0 | 28 | ((dendri\$ or hyper\$branc\$) and (\$6urethane or \$7urea)).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 11:34 |
| S13 1 | 16153 | ((dendri\$ or hyper\$branc\$) and (\$6urethane or \$7urea)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 11:37 |
| S13 3 | 335 | (dendri\$ or hyper\$branc\$) and (\$6urethane or \$7urea).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 11:39 |
| S13 4 | 177 | S133 and @ad< "20040514" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 11:39 |
| S13 7 | 232 | (di\$3iso\$3propanol\$3amine or " DIPA" or di\$3ethanol\$3amine or " DEA" or \$3ethanol\$3amine) same (\$hydroxy\$3ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") same2 \$7isocyanate | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 11:59 |
| S13 8 | 18 | S137 and (dendr\$ or hyper\$branc\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 12:09 |
| S13 9 | 1 | US-6747088-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 12:39 |

EAST Search History (Prior Art)

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| S14 0 | 1 | US-4786682-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 12:43 |
| S14 1 | 57561 | (dendr\$ or hyper\$branch\$ or hyper near2 branch\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:02 |
| S14 2 | 7154 | S141 and \$5urethane | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:03 |
| S14 3 | 2762 | S142 and tertiary with (amino or amine or nitrogen or " N") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:04 |
| S14 4 | 1296 | S143 and (di\$isopropanol\$amine or " DIPA" or di\$ethanol\$amine or " DEA" or \$3ethanol\$amine) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:05 |
| S14 5 | 714 | S144 and (\$hydroxy\$ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 14:07 |
| S14 6 | 379 | S145 and @ad< "20040514" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 14:08 |
| S14 7 | 2 | EP-297344-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 14:09 |
| S14 8 | 2 | JP-2000063513-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 14:11 |
| S14 9 | 692 | 528/82 528/53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 14:33 |

EAST Search History (Prior Art)

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| S15 0 | 5 | S149 and (dendr\$ or hyper\$branch\$ or hyper near2 branch\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:33 |
| S15 1 | 1209 | (di\$3iso\$3propanol\$3amine or " DIPA" or di\$3ethanol\$3amine or " DEA" or \$3ethanol\$3amine) same (\$hydroxy\$3ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 14:35 |
| S15 2 | 1033 | (di\$3iso\$3propanol\$3amine or " DIPA" or di\$3ethanol\$3amine or " DEA" or \$3ethanol\$3amine) same (\$hydroxy\$3ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:36 |
| S15 3 | 54 | S151 and S141 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:36 |
| S15 4 | 54 | S152 and S141 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:36 |
| S15 5 | 417 | S152 and \$5isocyanate | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:50 |
| S15 6 | 19 | S155 and (michael or conjugate) with \$4addition | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/19 14:51 |
| S15 7 | 755 | Bruchmann.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 07:50 |
| S15 8 | 120 | S157 and tertiary with (\$5amin\$2 or nitrogen) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 07:50 |
| S15 9 | 104 | S158 and (dendr\$ or \$branch\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 07:51 |

EAST Search History (Prior Art)

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| S16 0 | 90 | S159 and \$6urethane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 07:55 |
| S16 1 | 43 | S160 and @ad<"20040515" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 07:56 |
| S16 2 | 57 | 977/754 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 08:17 |
| S16 3 | 9 | S162 and (\$6urethane) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 08:17 |
| S16 4 | 692 | 528/82 528/53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 08:18 |
| S16 5 | 270 | S164 and (di\$isopropanol\$amine or " DIPA" or di\$ethanol\$amine or " DEA" or \$3ethanol\$amine) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 08:18 |
| S16 6 | 270 | S165 and (di\$isopropanol\$amine or " DIPA" or di\$ethanol\$amine or " DEA" or \$3ethanol\$amine) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 08:18 |
| S16 7 | 23 | S165 and (\$hydroxy\$3ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 08:19 |
| S16 8 | 19 | ("3953391" "4198331" "4248753" "4256560" "4284544" "4316784" "4330640" "4341676" "4387181" "4414068" "4430474" "4504630" "4518522" "4624996" "4647646").PN. OR ("4786682").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 08:24 |

EAST Search History (Prior Art)

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| S169 | 1301 | (\$hydroxy\$3ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") same (di\$isopropanol\$amine or " DIPA" or di\$ethanol\$amine or " DEA" or \$3ethanol\$amine) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 08:26 |
| S170 | 44 | S169 and (michael or conjugate) with (reaction or addition) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 08:26 |
| S171 | 28 | S170 and \$6isocyanate | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 08:27 |
| S176 | 428 | Casati.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 09:50 |
| S177 | 100 | S176 and \$6urethane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 09:50 |
| S179 | 716 | (((\$7urethane or \$7isocyanate) and (tertiary with (nitrogen or \$4amin\$2))).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 09:51 |
| S180 | 88 | S179 and (\$hydroxy\$3ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 09:52 |
| S181 | 71 | S180 and @ad< "20040515" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 09:53 |
| S182 | 45 | S177 and @ad< "20040515" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 10:02 |
| S183 | 0 | S182 and (\$hydroxy\$3ethyl near2 \$4acrylate or \$4hydroxy\$3butyl near2 \$4acrylate or \$4hydroxy\$3propyl near2 \$4acrylate or " HEA" or " HBA" or " HPA") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 10:05 |

EAST Search History (Prior Art)

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| S18 4 | 321712 | Nakamura.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 10:47 |
| S18 5 | 4871 | S184 and \$6urethane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 10:48 |
| S18 6 | 58 | S185 and ((michael or conjugate) with (reaction or addition) or (dendr\$ or hyper\$branch\$)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 10:48 |
| S18 7 | 13 | ("20020119320" "20040068028" "4694064" "5136014" "5932678" "5981684" "6093777" "6114489" "6376637" "6462144" "6534600").PN. OR ("6897266").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:08 |
| S18 8 | 1 | "10516024" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:13 |
| S18 9 | 0 | "10416024" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:13 |
| S19 0 | 8 | ("5981684").PN. OR ("6376637").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:21 |
| S19 1 | 94 | ("4558120" "4568737").PN. OR ("4694064").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:22 |
| S19 2 | 38 | S191 and (\$6urethane or \$6isocyanate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:22 |
| S19 3 | 50633 | \$6isocyanate with (polyol or diol or alcohol) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:55 |
| S19 4 | 735 | (polyol or diol or alcohol) with (tertiary near2 nitrogen\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:56 |
| S19 5 | 80879 | (polyol or diol or alcohol) with (amino or amino) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:56 |

EAST Search History (Prior Art)

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| S19 6 | 81240 | S194 or S195 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:56 |
| S19 7 | 32200 | (polyol or diol or alcohol) with ((hydroxy or hydroxyl) near4 (least one or two or second or secondary or additional)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:57 |
| S19 8 | 1004 | (hydroxy or hydroxyl) with ((differ\$5 or distinct or higher or lower) near3 reactivit\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 11:59 |
| S19 9 | 90 | S198 and S197 and S196 and S193 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 12:00 |
| S20 0 | 74 | S199 and @ad< "20040515" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 12:00 |
| S20 1 | 1021933 | dendrit\$ or hyper\$branch\$ or branch\$ or comb or dendr\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 12:01 |
| S20 2 | 52 | S201 and S200 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 12:01 |
| S20 3 | 1 | US-5977284-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 12:31 |

EAST Search History (Interference)

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